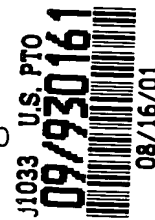


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H-1000



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of

Y. WATANABE et al

Serial No.

Filed: August 16, 2001

For: DATA SYNCHRONIZATION DETECTION DEVICE, INFORMATION RECORDING DEVICE, INFORMATION REPRODUCTION DEVICE, INFORMATION RECORDING FORMAT, SIGNAL PROCESSING DEVICE, INFORMATION RECORDING AND REPRODUCING DEVICE, AND INFORMATION RECORDING MEDIUM

INFORMATION DISCLOSURE STATEMENT (IDS)
UNDER § 1.97 AND § 1.98

Commissioner for Patents
Washington, D.C. 20231

Sir:

1. This IDS should be considered:

(a) when filed within three months of the filing date of the present application, or within three months of the filing date of the National Stage as set forth in § 1.491 in an international application, or before the mailing date of a first Office Action on the merits, whichever occurs last;

(b) when filed before the mailing date of either a Final Rejection under § 1.113 or a Notice of Allowance under § 1.311, whichever occurs first and when 1(a) does not apply. For this purpose, there is included herein either a certification in section 4 below (included when indicated by a marked box), or a fee of \$180.00 (a check in the amount of \$180.00 is enclosed, or if not see section 5 below);

(c) when filed prior to the payment of the Issue Fee, when 1(a)-(b) do not apply, and when a certification is included in section 4 below (included when indicated by a marked box); then the Applicant(s) hereby petition(s) and request(s) consideration of this IDS, and provided herewith is a fee of \$180.00 (a check in the amount of \$180.00 to cover the petition fee, or if not see section 5 below).

2. When 1(a)-(c) do not apply, then it is requested that this IDS be placed in the file.

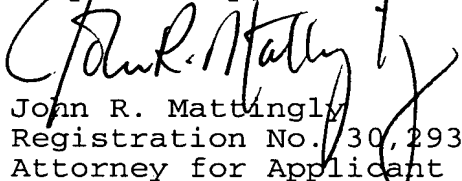
3. Listing of the information submitted is on the attached Form PTO-1449, which forms a part of this IDS. A copy of each listed document is enclosed when needed (needed for U.S. and foreign patents, publication or portion thereof listed; no copy of a U.S. patent application is needed; a copy of a document is not needed when previously submitted or previously cited by the PTO in a parent application of the present application as set forth under 35 U.S.C. § 120).

4. If a fee or additional fee is required, the Commissioner is hereby authorized to charge any fee or additional fee that may be required and credit any excess to Deposit Account No. 50-1417.

5. No explanation of relevancy is being provided for the documents listed in the attached PTO-1449 Form, because they are in the English language and/or discussed in the present Specification.

6. If the PTO determines that part(s) of the required content is inadvertently omitted, then it is requested that the Applicant(s) be given additional time and specific identification of such omission(s) to enable full compliance.

Respectfully submitted,


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Registration No. 30,293
Attorney for Applicant

MATTINGLY, STANGER & MALUR
1800 Diagonal Road, Suite 370
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(703) 684-1120
Date: August 16, 2001

FORM PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
H-1000

SERIAL NO.

LIST OF DOCUMENTS CITED BY APPLICANT
(Use several sheets if necessary)APPLICANT
Y. WATANABE et alFILING DATE
August 16, 2001

GROUP

1033 U.S. PTO
09/930161

08/16/01

U.S. PATENT DOCUMENTS

* EXAMINER INITIAL		DOCUMENT	DATE	NAME	CLASS	SUBCLASS	FILING DATE (If Appropriate)
	AA	5,844,920	12/1/98	Zook			
	AB	4,707,681	11/17/87	Eggenberger et al			
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

FOREIGN PATENT DOCUMENTS

		DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL	11-243345	9/7/99	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AM	10-255400	9/25/98	Japan			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.